English
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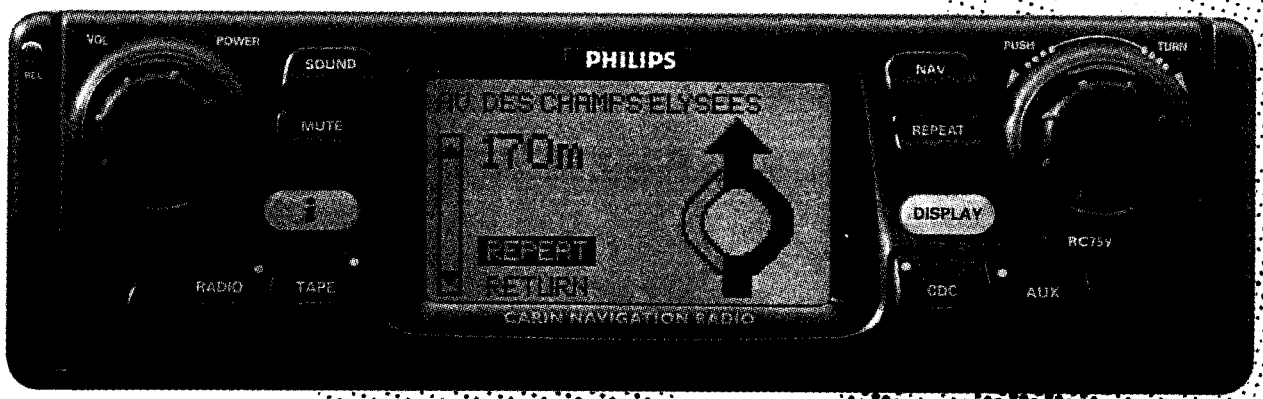
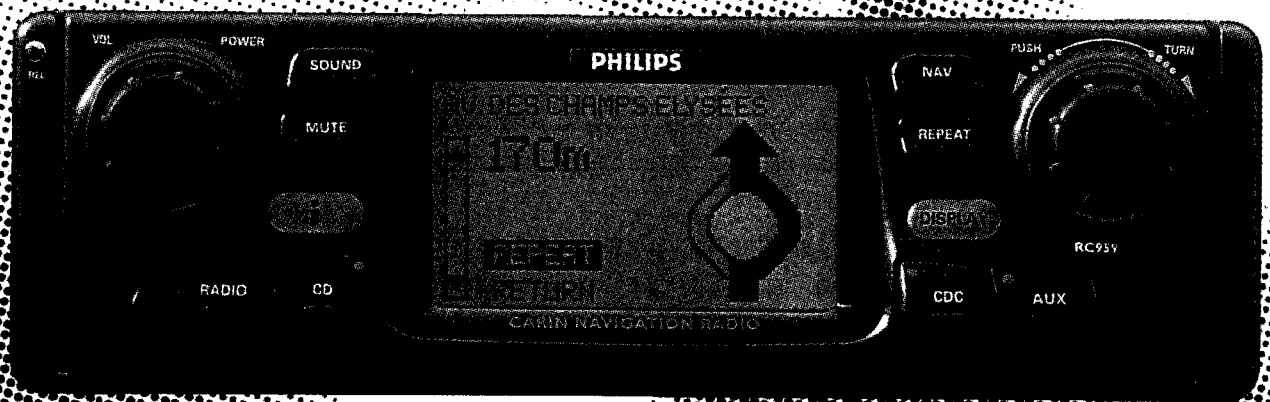
RC759 RDS
RC959 RDS

User manual
Mode d'emploi
Bedienungsanleitung
Gebruiksaanwijzing
Istruzioni d'uso
Instrucciones de manejo





PHILIPS

USER INSTRUCTIONS English

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This booklet is printed on low chlorine recycled paper, that can be used for recycling again.

WARNINGS

ATTENTION!

- Operating the CARiN Navigation System while you are driving can distract your attention from the road, and possibly cause an accident. Enter information into the system yourself only when the vehicle is stopped.
- The directions provided by the system are suggestions only. The driver is ultimately responsible for the safe operation of the vehicle and therefore evaluate whether it is safe to follow these directions. Always use good judgment and common sense.
- Obey all traffic signs and laws while driving.
- Only use the CARiN Navigation System when it is safe to do so. It is more important to keep your eyes on the road and your hands on the wheel.
- Do not use the remote control (optional) while driving. Do not change system settings or enter destinations while driving. If a prolonged view of the screen is required, pull over in a safe and legal manner.
- Keep small articles away from children. Store small articles (batteries, screws) in places not accessible to children. If swallowed, consult a physician immediately.
- Do not disassemble or alter. Attempts to disassemble or alter may lead to an accident and/or fire.
- Due to constantly changing traffic conditions, we unfortunately cannot guarantee 100% precision under all circumstances.

Complies with 21 CFR 1040.10

GUIDELINES AND RECOMMENDATIONS FOR SAFE USE OF THE CARiN NAVIGATION SYSTEM

- Glance at the screen only when necessary and safe to do so. If prolonged viewing of the screen is necessary, pull over in a safe and legal manner.
- Do not input destinations, change settings or access any functions requiring a prolonged view of the display while you are driving. Pull over in a safe and legal manner before attempting to access the system.
- Make certain that the volume level is set to a level which still allows you to hear outside traffic and emergency services.
- The guiding advice provided by the CARiN Navigation System are suggestions only. The driver is ultimately responsible for the safe operation of the vehicle and therefore evaluate whether it is safe to follow these directions. In case you decide not to follow the suggested route, CARiN will automatically calculate a new route and provide new suggestions (automatic re-routing function).
- The CARiN Navigation System (like all car navigation systems available today) is an evolving technology. Under certain circumstances, the directions given by the system could be inaccurate or conflict with current road conditions. New road maps or exit ramps not yet available on the CD may present a conflict to the driver.
- In case you need to find an emergency service do not use the CARiN Navigation System. It can not be guaranteed that the CARiN database contains all available emergency services in your neighborhood. Use your own judgment and abilities to ask for directions in such a situation.
- The CARiN Navigation System does not take into account the relative safety of the suggested routes. The suggested routes do not reflect road closures or construction, weight or height restrictions, traffic or weather conditions, or any other factors which may affect the safety or timing of the routes. Use your personal judgment for verification of the suggested routes. Use the alternative route function to get better route suggestions, or simply drive the preferred route and let the automatic re-routing function calculate the preferred route.
- Please take care that everybody using the CARiN Navigation System has access to these directions for use and reads the given recommendations and guidelines carefully before the first use of the system.
- Remember to wear your seat belt at all times when the car is in motion. This will help you avoid impact with anything in the car's interior.
- In case you have any further question about use or operation of this CARiN Navigation System or if there is anything which you do not understand, please contact an authorized Philips CARiN dealer.

NOTES

- After transport of the car by a car train or a car ferry the navigation system may need a few minutes for exact repositioning.
- After the car battery has been disconnected, the system may need up to 15 minutes for exact repositioning. The car has to be situated outdoors and the system has to be switched on to receive the GPS satellites.
- The system is fully operational even without valid GPS data, but the accuracy of positioning may decrease.
- On highways the distance indications of the CARiN Navigation System for exits are different from those on the highway signs. The highway signs refer to the distance to the beginning of the exit, whereas the Navigation System refers to the end of the exit. This is the point where you have to turn.

INSTALLATION

For cars supplied with standard ISO connectors, you can directly mount the car radio (see 'MOUNTING'). For cars with different connecting standards, your dealer can provide specific adaptor cables for a problem free installation (see table on separate installation card).
If an adaptor cable is not in the table, you can prepare the connection yourself (see 'PREPARATION'). *There is a high voltage inside the set! Do not open it to prevent an electric shock.*

PREPARATION

The set must be connected to a 12 V car battery with negative terminal to earth (car chassis).

- **To prevent short-circuiting, disconnect the negative car battery terminal until the set has been mounted and connected (fig. 1).** See separate installation card.

CONNECTOR A (fig. 2)

POWER SUPPLY CONNECTIONS

- **Brown** lead A8: Connect to an earthing point on the car body.
- **Red** lead A7: Connect to a *switched* 12 V supply of the car ignition.
- **Yellow/red** lead A4: Connect to a *permanent* 12 V supply. This supply is needed for the set's memory and warning light.

OPTIONAL CONNECTIONS

Electronic/motor aerial:

- **Connect the supply for an electronic aerial or the control lead for the relay of an automatic motor aerial to pin A5.** Use the small contact supplied.

Do not use this connection point for direct supply of the aerial motor!

Pilot light: When the car headlamps are switched on, the light above the VOL POWER button of the radio is illuminated (even when the radio is switched off).

- **Connect pin A6 to the dashboard illumination wiring of your car.** Use the small contact supplied.

Telephone: If your car phone provides a mute signal, it can be used to automatically interrupt the set's sound output. If it also provides a loudspeaker connection, your phone output can be amplified through the car speakers.

- **Connect the telephone mute wire to connector A1.** Use the small contact supplied.
  In certain VW and Opel/Vauxhall cars, the connector A1 is used as a Speed-Dependent Volume Control (SDVC). Ask your authorized VW or Opel/Vauxhall dealer to modify this connection if you want to use the telephone mute feature.
- (optional) Connect plug **F** (yellow) to the loudspeaker output of your car phone (fig. 9).
- **Refer to 'INITIALIZATION SUBMENU',** options 'Telephone' and 'Telephone signal'.

CONNECTOR B for loudspeakers 4 x 🔊 (fig. 3)

- *Only use loudspeakers which have an impedance of 4 ohms.*
- *Do not connect any of the loudspeaker leads to earth!*
- *Do not connect a booster/amplifier directly to the loudspeaker outputs!*
- *Do not connect loudspeakers via an external fader!*
- **Blue** lead B1: Connect to Rear Right speaker (+).
- **Blue/black** lead B2: Connect to Rear Right speaker (–).
- **Grey** lead B3: Connect to Front Right speaker (+).
- **Grey/black** lead B4: Connect to Front Right speaker (–).
- **Green** lead B5: Connect to Front Left speaker (+).
- **Green/black** lead B6: Connect to Front Left speaker (–).
- **White** lead B7: Connect to Rear Left speaker (+).
- **White/black** lead B8: Connect to Rear Left speaker (–).

YELLOW CONNECTOR C1 for line-output (fig. 4)

You can connect a power amplifier with additional loudspeakers to this set:
- **Black** lead (FRONT): Connect to Front Left (white) and Front Right (red) channel on amplifier.
- **Black** lead (REAR): Connect to Rear Left (white) and Rear Right (red) channel on amplifier.
- **Blue/yellow** lead: Connect to Remote on/off on amplifier.

GREEN CONNECTOR C2 for a navigation system (fig. 5)

You can connect a CARiN navigation system (D^2B type) to this set. Please consult your dealer for installation details.

BLUE CONNECTOR C3 for a CD changer (fig. 6)

You can connect a Philips CD changer (D^2B type) to this set (see the mounting instructions for the CD changer). If required, use the cable mentioned in the illustration.

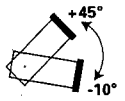
CONNECTORS D for a portable player (fig. 9)

To increase your listening possibilities you can connect a portable DCC, CD or cassette player to this set. Cable **D** must be connected to an output of 750 mV (in most cases the headphone output of the portable player is suitable).
- **Connect plugs D to Left (white) and Right (red) channel on portable player.**
- **Increase the volume of the portable player to the desired level.**

MOUNTING

METAL SLEEVE

- **Insert metal sleeve into the opening (182 x 53 mm) in the car dashboard or console (fig. 7).** See separate installation card. For optimal performance of the CD player,* the metal sleeve should be positioned horizontally (between -10° and +45°).
- **Fix metal sleeve into place by pressing the metal tags outwards using a screwdriver (fig. 8).**



CONNECTING RADIO (fig. 9)

For Audi, Opel, Vauxhall, VW and Seat cars, use adaptor EA6259 to connect the connector of the car to the car radio.

- **Insert aerial plug E into aerial socket.** Good reception is only possible with a good aerial.
- **Insert power supply plug A into socket A'.**
- **Insert loudspeaker plug B into socket B'.**
- (optional) Remove the protective cover from socket **C'.**
- (optional) Insert the yellow line-out plug **C1** into socket **C1'.**
- (optional) Insert the blue CD changer plug **C3** into socket **C3'.**
- (optional) Insert the green navigation plug **C2** into socket **C2'.**
  The green plug **C2** slides between the yellow plug **C1** and the blue plug **C3.**

MOUNTING RADIO

- **Slide the radio into the metal sleeve until the springs at either side of the radio snap into the openings of the sleeve (fig. 10).**
- **Reconnect the negative car battery terminal (fig. 11).** Installation is now complete.

REMOVING RADIO (fig. 12)

You can unlock the radio using the two U-brackets supplied.

- **Remove the front, see 'SECURITY', 'DETACHABLE FRONT'.**
- **Push the metal holder back up.**
- **Insert both U-brackets in between the holes on the front of the set until they lock.**
- **Remove the radio from the metal sleeve.**

REPLACING FUSE (fig. 9)

- **Pull fuse F out of connector block at rear of radio.** Replace with a 10A blade-type fuse.

INTERFERENCE SUPPRESSION

Most modern cars have sufficient interference suppression. If you experience interference generated by the car, consult your garage.

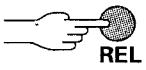
* *only for certain versions*

SECURITY

For theft protection this set is provided with the following security features:

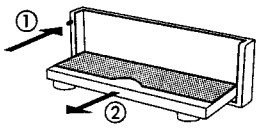
DETACHABLE FRONT

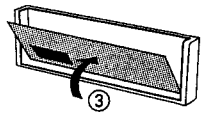
Take the detachable front with you when leaving the car. Keep it in its protective cover. Always replace the detachable front before starting to drive.



REMOVING THE FRONT

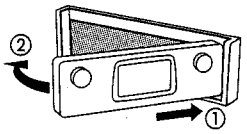
- **Open the front (1).**
- **Slide the front out of the metal holder (2).**
- **Push the metal holder back up (3).**





REPLACING THE FRONT

- **Insert the front starting with the left or right side of the set (1).**
- **Push the front until it clicks into position (2).**



To ensure good connection between the set and the detachable part, it is advisable to clean the connectors with a cotton swab from time to time.

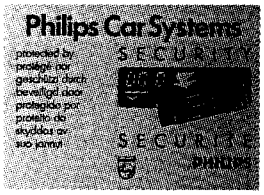
SWITCHABLE WARNING LIGHT

When the car ignition is switched off and the detachable front is removed, the red warning light flashes.

- **You can switch off the flashing warning light.** See 'INITIALIZATION SUBMENU', option 'warning light'.

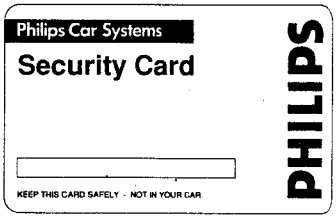
SECURITY WARNING STICKERS

- **Stick the supplied 'Security' warning stickers on your car windows.**



IDENTIFICATION NUMBER

This set has a unique identification number stated on the 'Security card' (see separate installation card). This 'Security card' is required as proof of ownership when the set is stolen, when the detachable front is lost or when requesting service.
Do not keep the 'Security card' in your car.



BEFORE YOU START

RDS (Radio Data System)

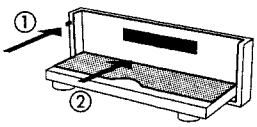
Many FM stations broadcast RDS information. This car radio uses the RDS information to offer you many advantages, including: display of the station-name; station selection according to programme type (PTY); automatic retuning to the best Alternative Frequency (AF) for the same programme; and listening to traffic announcements, news bulletins and alarm messages.

CASSETTES*

Only use good quality cassettes of 60 or 90 minutes.

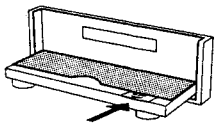
INSERTING A CASSETTE

- **Open the front.**
- **Slide the cassette with the open side to the right into the cassette opening until it is pulled in.** Playback automatically starts.
- **Push the front back up.**



EJECTING A CASSETTE

- **Eject the cassette when the front is open.**
- **Remove the cassette from the player and push the front back up.**



CARE OF CASSETTES

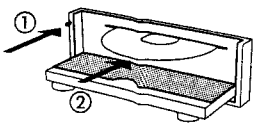
- Put cassettes back in their boxes immediately after use to protect them from dust and dirt and to prevent the tape from unwinding.
- Never expose cassettes to heat, direct sunlight or moisture.
- Clean the tape head (once or twice a month) using a *wet-tape cleaning cassette.*

SOUND CDs*

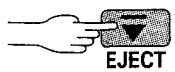
The CD player is suitable for 12 cm CDs.

INSERTING A SOUND CD

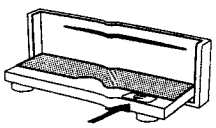
- **Open the front (1).**
- **Slide the sound CD (with the label facing upwards) into the slot (2).** CD playback automatically starts.
- **Push the front back up.**



EJECTING A SOUND CD



- **Eject the CD when the front is open.**
- **Carefully remove the CD from the player and push the front back up.**



CARE OF CDs

- Avoid making fingerprints on the CD when you take it out.
- Put the CD back in its box immediately after ejecting it, to protect it from damage and dust.
- Do not expose the CD to heat or direct sunlight.

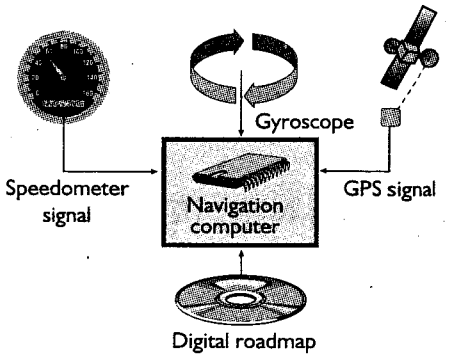
* *only for certain versions*

THE CARiN NAVIGATION SYSTEM

With the CARiN system you have purchased a powerful tool to assist the driver in daily traffic. By automatic route planning and guidance you can concentrate on the essential things in today's growing traffic - especially in congested areas. Complicated and time-consuming planning with conventional city and road maps is no longer required. You simply enter the destination before driving off, activate 'Guidance' and CARiN does the rest. CARiN offers you guidance advice in both an acoustical and visual way. Few controls and a simple menu structure ensure ease of operation.

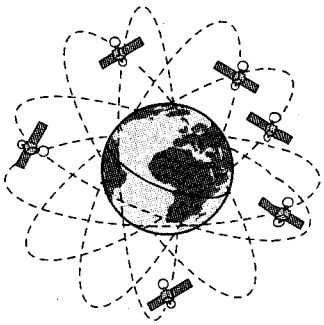
DETERMINATION OF THE VEHICLE POSITION

The movement of the vehicle is measured by sensors that are integrated in the CARiN system. The distance driven is recorded by an electronic signal from the speedometer and the rotary movements of bends by the gyroscope (a rotary measurement system). The information from these sensors is, however, not always exact as the values can be affected by skidding of the wheels, varying tyre pressure due to changes in temperature, etc. By comparison of these signals with the digitized map, it is possible to correct any inaccuracies of the sensors and to determine the position of the vehicle quite precisely. In order to correct the data, a signal from the GPS satellites is required for a period of several minutes.

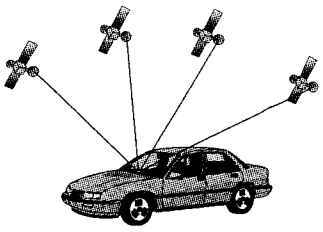


GPS (GLOBAL POSITIONING SYSTEM)

The GPS System is based on the reception of navigation signals from a total of 24 GPS satellites at a height of 21.000 km (13.000 miles). To determine the position with sufficient accuracy, signals from at least 4 satellites must be received. You can check the number of received satellite signals, see 'Navigation menu', option 'i3 GPS position'. The CARiN GPS receiver can handle up to 8 satellite signals simultaneously. This allows an accuracy of about 30 m (20 ft) to 100 m (60 ft) which is further improved by the other sensors.



When the vehicle is parked for a longer period of time, the satellites move on during this period. Therefore, when the ignition is turned on again it can take a few minutes before CARiN can pick up enough satellites and evaluate the received signals.



When starting up, CARiN may tell you: 'You are now leaving the digitized area'. If there are other roads in the area, CARiN may send inappropriate messages. This means that CARiN supposes the vehicle is on another road.

When the vehicle has been at a standstill for a longer period of time, the CARiN function may be temporarily inhibited. CARiN will operate reliably again once the GPS reception is available in sufficient quality.

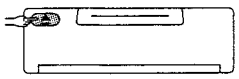
LIMITED GPS RECEPTION

Functional disturbance may also occur if GPS reception is interrupted or interference occurs over a distance of several miles. GPS reception may be interrupted or interference occurs:

- In between high buildings.
- In multi-storey car parks or garages, in tunnels and under bridges.
- In forests or tree-lined avenues.
- During heavy rain showers and thunderstorms.
- Unfavourable satellite constellations in conjunction with the mounting position of the GPS antenna (in this case GPS reception may be obstructed for a longer period).
- In valleys and in mountainous regions.

If the GPS antenna has been properly installed, sufficient GPS reception should be present about 95% of the driving time. If interference in the reception occurs more frequently, improper mounting of the GPS antenna may be the cause. In this case, we recommend you to contact your CARiN dealer. However, the CARiN Navigation Computer is able to compensate reception problems over a period of a few minutes without functional interference.

CHANGING THE ROAD MAP CD IN THE CARiN SYSTEM



Change the road map CD when travelling in a different area or when an update of the same area is available. Consult your dealer for new CARiN road map CDs.

- **Eject the current CD.** Press the same key again if the navigation system was switched off.
- **Carefully remove the CD from the navigation system.**
- **Slide a new CARiN CD (with the label facing upwards) into the slot.**

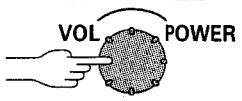
OPERATION

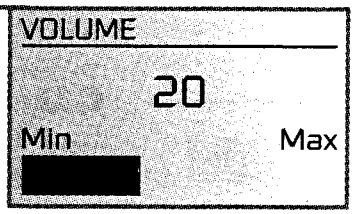
Operating this set does not exempt the driver from his responsibilities. Pay attention to local traffic regulations. Watching the road is more important than watching the screen!

LEGEND: Press the button. Turn the button.

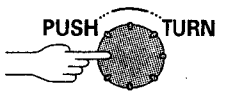
BASIC FUNCTIONS

SOUND

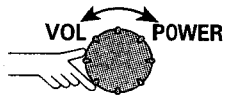




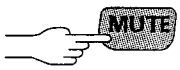
- **On/off:** Switch the set on or off.



- Confirm the warning 'Always observe roadway signs and signals' (if a navigation system is connected).



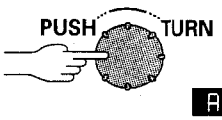
- **Volume:** Adjust the volume. *Please make sure you can still hear the traffic (horns, sirens...).*



- **Mute (silence):** Mute the set or cancel the mute.

RADIO

- **Radio mode:** Listen to the radio.



- **Tuning method:** Select one of the following tuning methods.

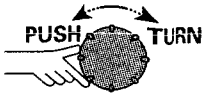
A-Z - **To tune to a station name** (if an RDS station on FM). Stations are sorted in alphabetical order. *If you hear an error beep: update the list of station names by activating 'RDS memo'.*

◀◀ ▶▶ - **To tune to a frequency automatically.** If 'Traffic' is activated the radio will *only* search for stations allowing the reception of traffic announcements.

- **To tune to a frequency manually** (if 'Manual tuning' is activated). If you quickly turn the button, fast tuning is activated. Press PUSH TURN to stop fast tuning. *After 50 seconds or after selecting a different tuning method, the radio switches back to automatic frequency tuning.*

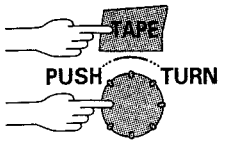
- **To tune to a programme type** (if 'PTY search' is activated). *When no station is found or after selecting a different tuning method, the radio switches back to automatic frequency tuning.*

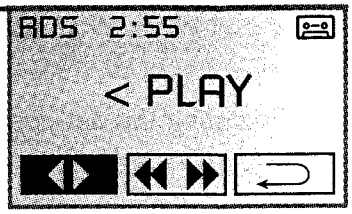
◀P▶ **To tune to a preset.**



- **Tuning:** Tune in the desired station.

CASSETTE PLAYER*



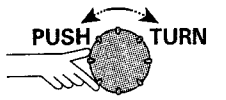


- **Cassette mode:** Listen to the inserted cassette.
- **Function selection:** Select one of the following cassette functions:

To select a specific track (previous/next).

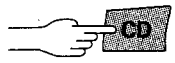
To wind the cassette backwards/forwards. Also press the same button to stop the rewind/fast forward.

To reverse the direction of play.

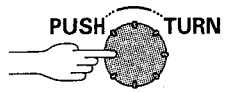


- **Activate selected function:** Move to another part of the cassette.

CD PLAYER*



- **CD player mode:** Listen to the inserted CD.

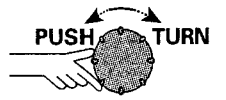


- **Select function:** Select one of the following CD player functions:

To select a specific track (previous/next).

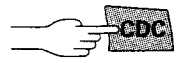
To move backwards/forwards. Also press the PUSH TURN button to stop the fast backward/forward.

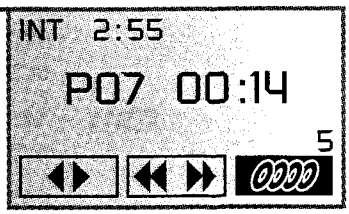
Rnd **To switch on/off the playback of the tracks in random order.**



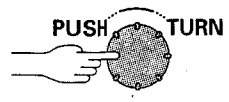
- **Activate selected function:** Move to another part of the CD or switch the random playback on/off.

CD CHANGER (if connected)





- **CD changer mode:** Listen to a CD loaded in the magazine and inserted in the CD changer.

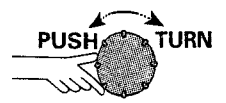


- **Select function:** Select one of the following CD changer functions:

To select a specific track (previous/next).

To move backwards/forwards. Also press the PUSH TURN button to stop the fast backward/forward.

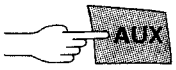
To select a specific CD.



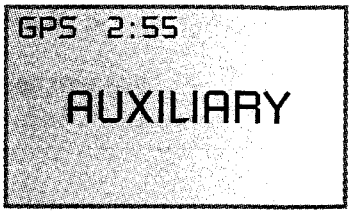
- **Activate selected function:** Move to another part of the CD or to another CD.

* *only for certain versions*

AUXILIARY (if portable player is connected)

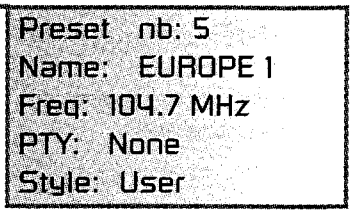


- **Auxiliary mode:** Listen to the portable sound player.



DISPLAY

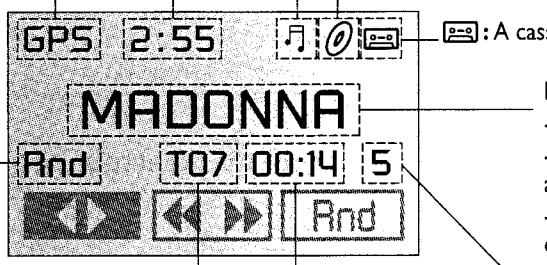
- **Display:** Show information on the selected mode.



NAVIGATION (if connected)

- **Repeat:** Repeat the last spoken guidance message. During a phone call (if phone is linked to the set) these messages are replaced by beeps. You can then press this key to hear the spoken guidance message.

EXPLANATION DISPLAYS



GPS/RDS/INT: The selected 'Clock type'

2:55: The time

♫: You have selected a 'Sound style' other than 'User'.

: A CD is inserted*

: A cassette is inserted*

Radio:
FM / FM AST / MW / MW AST
SW / LW: The current waveband
- **Scan Frq**: Scanning frequencies on the current waveband
- **Scan Pn:** Scanning presets on the current waveband

**CD:*
- **Scan:** Scanning of the tracks
- **Rnd:** Tracks are played in random order.
- **Rpt:** The current track is repeated.

**Cassette:*
- **Scan cassette:** Scanning of the tracks

MADONNA
- *Radio:* Station Name / Frequency
- **CD:* CD title / current track number and elapsed time
- *Cassette: Direction of play/current operation.

5: The preset number *(Radio)*
CD number *(CD)*
MAN: Manually tuning to a station
Sport: Tuning to a Programme type
LO: Only tuning to a local station
DX: Tuning to a distant or local station
TA: Tuning to a station that can receive traffic announcements
* DD: *Dolby® B (NR).*

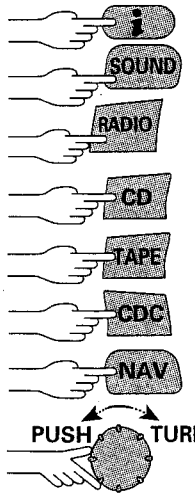
00:14: elapsed time *(CD)*

T07: Current track number *(CD)*

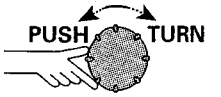
USING THE MENUS

Only use the menus before driving off or when the car is not moving.

MENU OPERATION

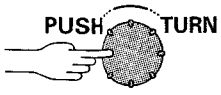


• **Menu on/off:** Enter/leave one of the following menus:
- **Information menu**
- **Sound menu**
- **Radio menu** (when already in radio mode)
- **CD menu** (when already in CD player mode)*
- **Cassette menu** (when already in cassette mode)*
- **CD changer menu** (when already in CD changer mode)
- **Navigation menu**



• **Selection:** Place the cursor on the desired option/character.
The following indications are given on screen:
- OPTION: Options in dotted characters can not be selected.
- : Arrows in front of options indicate that more options are available than displayed.
- ✓ : A tick shows that the function is activated.

To enter a name select one character after another from the alphanumeric list.*



• **Confirmation:** Confirm the selected option/character.
The following menu functions can also be available:
- **'QUIT' and 'RETURN':** Return to the previous display. 'QUIT' is often available when placing the cursor on the menu title.
- **'OK':** Confirm the entered name.*
- **'DELETE':** Delete the last entered character.*
- **'LIST':** Display the list of possibilities.*
- **'RESTORE':** Recall the name entered previously.*

* *only for certain versions*

INFORMATION MENU

Traffic: Activate to listen to Traffic Announcements (TA) when broadcast (even if you play a cassette/CD* or mute the set). The set may also receive traffic announcements from other stations.

- *If you hear an error beep*: The radio is not already tuned to a station enabling the reception of traffic announcements. The radio automatically searches until it finds another station.
- *If you hear error beeps at repeated intervals*: You are in an area where no traffic information is broadcast. Deactivate the 'Traffic' function or tune to a different station.

Also press the PUSH TURN button to stop listening to a particular traffic announcement (the 'Traffic' function remains active).

News: Activate to listen to news bulletins when broadcast (even if you play a cassette/CD* or mute the set). The set may also receive news bulletins from *other stations*. Traffic announcements may interrupt news bulletins. *'News' is not yet implemented in all countries.*
Also press the PUSH TURN button to stop listening to a particular news bulletin (the 'News' function remains active).

Announcement level: Adjust the volume difference of traffic announcements, news bulletins and alarm messages, relative to the current volume setting.

SOUND MENU

Loudness: Activate to amplify the low and high notes at low volume settings.

Sound settings: Adjust the bass (low notes), treble (high notes), balance (left-right) and fader (rear-front). The bass and treble settings are stored independently for each sound source.

Sound style: Choose one of the predefined sound styles. Select 'User' to maintain your own bass and treble settings. The sound style is stored independently for each sound source.

Sound reset: Switch the loudness off, reset the sound settings to their mid-positions and adjust the 'Sound style' to 'User'.

▶ **Sound setup**: To adjust one of the following functions.

> **SDVC (Speed-Dependent Volume Control, if a navigation system is connected)**: Adjust the volume compensation linked to your driving speed.
>
> **Leveller**: Activate to adjust the volume of each sound source to the same level.
>
> **Loudness low**: Adjust the amplification of the low notes in loudness.
>
> **Loudness high**: Adjust the amplification of the high notes in loudness.
>
> **Bass frequency**: Select the frequency threshold of the low notes.
>
> **Treble frequency**: Select the frequency threshold of the high notes.

▶ **Initialization**: See 'INITIALIZATION SUBMENU'.

RADIO MENU

RDS memo (only on FM): Activate to update the list of station names you can tune to alphabetically. You hear a beep. Wait until the set has finished storing the RDS stations.

Autostore (only on FM and MW): Activate to automatically store 10 FM stations on the FM AST band or 10 MW stations on the MW AST band. You hear a beep. Wait until the set has finished storing the strongest stations.

Scan: Activate to briefly listen to each station or preset on the current waveband. Also press the PUSH TURN button to deactivate this function when you hear a station you like.

Band: Select the desired waveband.

AF retuning (only on FM): Activate to maintain the best possible reception. The set continuously checks a list of Alternative Frequencies (AF) for the tuned radio station and automatically selects the best frequency for you. Only deactivate this function when you hear short sound interruptions or when the set automatically tunes to an unwanted station.

Manual tuning: Activate to manually tune to a frequency when you can not find the desired station using automatic tuning.

Store preset: Store the station you are listening to as a preset. Then select its position in the preset list. When storing an FM station, the 'AF retuning' (on/off) is stored on the preset.

Recall program (only on FM): Select the name of the station you want to listen to from the list.

Recall preset: Choose the preset you want to listen to from the list.

PTY search (only on FM): Tune to a station according to the type of programme (PTY) being broadcast. Select the programme type from the list. *PTY is not yet implemented in all countries.*

▶ **Radio setup**: Adjust one of the following functions.

Search level: Select 'LO' if you *only* wish to search local stations (strong stations) when tuning to a frequency automatically. Select 'DX' to search for distant stations too.

Tuner grid: Select Europe for all continents except the Americas.

Scan type: Choose between a frequency or a preset scan.

▶ **Initialization**: See 'INITIALIZATION SUBMENU'.

CASSETTE PLAYER MENU*

Scan: Activate to listen to the beginning of each track. Also press the same button to deactivate this function when you hear a track you like.

Dolby B: Activate when the cassette has been recorded using the Dolby B Noise Reduction system.

▶ **Initialization**: See 'INITIALIZATION SUBMENU'.

* *only for certain versions*

CD PLAYER MENU*

Scan: Activate to listen to the beginning of each track. Also press the PUSH TURN button to deactivate this function when you hear a track you like.

Repeat track: Activate to replay your favourite track.

CD title: Assign a name to the CD you are listening to, with a maximum of 13 characters. If the memory containing 50 titles is full, select a title you want to delete before entering the new title.

▶ **CD setup**: Adjust one of the following functions.

Compression: Activate to reduce the volume of loud sections and increase the volume at quiet sections.

Compression rate: Select the amount of volume reduction/increase when the compression is switched on.

▶ **Initialization**: See 'INITIALIZATION SUBMENU'.

CD CHANGER MENU

Scan: Activate to listen to the beginning of each track. Also press the PUSH TURN button to deactivate this function when you hear a track you like.

Random: Activate to play the tracks on the CD in random order.

Repeat track: Activate to replay your favourite track.

Select CD: Select the desired CD from the list.

CD title: Assign a name to the CD you are listening to, with a maximum of 13 characters. If the memory containing 50 titles is full, select a title you want to delete before entering the new title.

▶ **CD changer setup**: Adjust one of the following functions.

Compression: Activate to reduce the volume of loud sections and increase the volume at quiet sections.

Compression rate: Adjust the level of volume reduction/increase when the compression is activated.

CD access: Choose whether you wish to select the CD number or the CD title from the 'Select CD' menu.

▶ **Initialization**: See 'INITIALIZATION SUBMENU'.

* *only for certain versions*

INITIALIZATION SUBMENU

Language (if no navigation system is connected): Choose the language of the display readings, **(if a navigation system is connected)**, see 'NAVIGATION MENU' option 'Settings'.

Telephone: Select 'MUTE' to automatically interrupt the set's sound output when using your car phone. Select 'IN' when you also wish to amplify the received voice through the car speakers. Select 'NONE' if no car phone is connected to the set.

Telephone signal: Adjust according to your telephone mute signal ('LOW' in most cases).

Beep type: Select the type of confirmation beeps.

Beep level: Adjust the volume of the beeps.

Guidance level (if navigation system is connected): Adjust the volume difference of the spoken guidance messages.

▶ **Clock settings**: To adjust the time.

Clock type: Select an internal clock (INT) or a clock which is automatically updated via RDS or via GPS (only if a navigation system is connected).

Clock format: Select the desired clock format.

Hour (if an internal clock type): Adjust the hours.

Minute (if an internal clock type): Adjust the minutes.

Summer time (if a GPS clock type): Add/subtract an hour.

Timezone (if a GPS clock type): Determine the time difference with London Greenwich Mean Time.

Scan time: Select how many seconds the set scans one station or track.

On-off logic: Activate to limit the use of the set to one hour after you have removed the car ignition key.

Warning light: Activate to switch on the flashing red light when the detachable front is removed.

Contrast: Adjust the contrast of the display.

Remote control (Le Mouse): Activate to use a Philips remote control (if connected).

Loudspeaker test: Test the loudspeaker connections and their positioning. Switch the set off to end the test session.

NAVIGATION MENU

The navigation system will show and tell you the way. Simply enter your destination and activate 'Guidance'.

▶ **Destination input:** To enter your destination (4 methods possible).

Country (method 1): Select the destination country (only available if the map CD includes more than one country).

City/road/junction: Enter the city name, the road name (optional) and the junction (optional) of your destination. If required, also enter the country. After entering the road name you can specify the house number (if available).

Guidance: See 'Guidance' underneath.

▶ **Destination store**: You can store 30 destinations in your address book.

Load address (method 2): Recall a destination previously stored in your address book.

Load last destination (method 3): Recall one of the 10 last used destinations.

Store address: Store the current destination in the address book. You can assign a name to your destination with a maximum of 10 characters.

Delete address: Delete a destination from your address book.

Delete last destinations: Delete the 10 last used destinations.

▶ **Special destination (method 4)**: To select your destination from a list, such as an airport, car park, petrol station, hotel, etc.

Info on destination: Select one of the special facilities in the city previously entered as a destination. In small cities and villages usually only the option 'CITY CENTRE' is available. If no city name is entered as a destination, you can select special facilities of national importance.

Info on car position: Select one of the special facilities in the vicinity of the current car position. The first facility listed in the menu is the closest.

Nation. importance: Select one of the facilities of national importance.

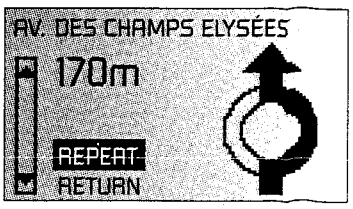
Delete destination: Delete the current destination and deactivate the guidance.

▶ **Guidance:** Activate the guidance when you have entered your destination (at least a city name). The set plans a route and will guide you to your destination using indications on screen and spoken messages. *If the current traffic situation and the guidance are in contradiction, always follow the traffic regulations.*
In case you decide not to follow the suggested route, the set will automatically calculate a new route and provide new suggestions.

Av. des champs Elysées: The name of the street you have to turn into next.

170 m: Distance before the next turning.

: Diagram of the next junction or turn. *When you are on road which is not on the map CD, route planning is not possible. Drive in the direction of the displayed arrow to a digitised road.*



Repeat: Repeat the last spoken message.

5 informations screens: Keep tuning the PUSH TURN button to access these screens.

i1 Car position: Show the current car position with country code, city and road. As soon as a route is planned the 'ROUTE LIST' option is also available in this screen. It lists all the sections of the planned route.
The route list is only available if you are on a digitized road.

i2 Destination: Show the current destination with the name*, country code, city, road* and junction*. * *if specified*

i3 GPS position: Show the calculated geographical position and the number of received satellites. .

i4 Travel info: Show the remaining distance, the remaining time before arrival at your destination and the estimated arrival time.

i5 Current settings: Show the selected route planning criterion: (along main roads), (no main roads), (optimise time) or (optimise distance).
The display also shows that the spoken guidance messages are on ().

Alternative route: Plan an alternative route. This menu is skipped if no route is planned or if no alternative route is available. The alternative route is calculated from the current car position for the selected distance.

▶ **Standby**: Leave the navigation menu and deactivate the guidance.

▶ **Settings**: To adjust one of the following settings.

Route selection: Select the criterion to influence the route planning.

Language: Change the language of the display readings by inserting a language CD in the navigation system. In some languages the section displays do not change.

Measuring units: Select the distance measuring unit.

System information: Show information required by service centre.

Service: Show the code protected menu for service purposes.

Default settings: Reset all user-specific settings to the factory default.

▶ **Car position**: To overrule the calculated position and to enter the car position manually. This function is only required when the guidance gives you inaccurate information.

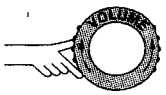
City/road/junction: Enter the relocation position.

Relocation: Confirm the relocation position.

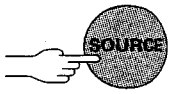
REMOTE CONTROL

A Philips remote control (Le Mouse) can be connected to this set (see INITIALIZATION SUBMENU). See your dealer for more information. The remote control allows you to carry out some of the main functions of the set, without the need to take your eyes off the road while driving. This increases your safety.

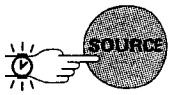
AUDIO



• **Volume:** Adjust the volume by turning the wheel.

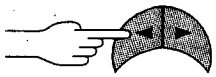


• **Source selection:** Select the desired source: radio, cassette*, CD* or CD changer.

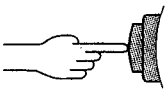


• **Audio mute (Silence):** Mute the set or cancel the mute. Press button for at least 2 seconds.

MENU OPERATION



• **Selection:** Place the cursor on the desired option/character.



• **Confirmation:** Confirm the selected option/character.

* *only for certain versions*

A PROBLEM?

There may be times when you suspect that your set is not functioning as you expect it to. Before calling for service please read the operating / installing instructions and check the following list. You may find that an apparent malfunction can easily be rectified.

Symptoms	Possible Cause / Remedy
General	
Set does not function. No display.	• Check fuse (set and car) and connections.
Set functions but with no or poor sound.	• Adjust volume of set to demute set. • Check fader and balance settings. • Check the aerial and its connection. • If car phone is connected, check setting of 'Telephone' option, see 'INITIALIZATION SUBMENU'.
Set mutes when you drive the car or display shows 'PHONE IN/MUTE'.	• Set 'Telephone' to 'NONE' see 'INITIALIZATION SUBMENU'.
Detachable front of set feels warm.	Some heat is always generated by the set.
The display shows 'Temperature too hot' and the sound from the speakers is reduced.	A built-in safety circuit prevents the temperature in the set from exceeding a certain level. • Wait until 'Temperature too hot' does not appear on the display when increasing the volume.
Radio	
Poor radio reception.	• Check that the aerial is fully extended and properly connected. • Check that the negative terminal (brown lead) is connected to earth (car cassis).
Display shows frequency (not station name).	Set is tuned to non-RDS station.
Display shows 'ALARM'.	Emergency announcement is being broadcast.
Unable to tune to desired station with search tuning.	• Check the tuner standard, option 'Tuner grid' in 'RADIO MENU'. The desired station is too weak: • Tune to desired station using Manual tuning. • Check that the aerial is fully extended. Set is in 'Traffic' mode: only stations with Traffic Announcements can be tuned in. • If necessary switch off the 'Traffic' function.
Display shows 'Tune to next TA station' and set bleeps.	Set is in 'Traffic' mode but the selected station is too weak or does not broadcast Traffic Announcements (TA). • Deactivate 'Traffic' or tune to another station.
Cassette	
Cassette playback lacks high-notes or loss of one channel.	• Clean cassette player tape head (see 'CARE OF CASSETTES').
Cassette mechanism changes direction of play before end of tape.	• Rewind cassette to the end of the tape.
CD	
Distorted sound during playback.	Player unable to read CD. CD damaged or dirty.

Navigation

System does not start, screen is dark.	Switch on the ignition.
After some time of normal operation, the system switches off.	At extreme high or low temperatures the built-in protection circuit switches off the system automatically. • Operation of the system is resumed as soon as the temperature returns to a normal level.
System reacts very slowly on key presses or calculates very long.	You are in a very densely digitized area. The navigation system has to read a large amount of data from the CD-ROM.
'Guidance' option can not be selected from the menu.	• Make sure that you entered a destination address.
System plans no route although a destination was entered.	Car is not on a digitized road. • Drive in the direction of a digitized (displayed) road.
Only 'Stand-by' can be selected in the menu after switching on the ignition.	• Wait a few seconds until the system has booted (options appear in highlighted letters).
Display shows 'NO CD' or 'WRONG CD'.	• Make sure that an appropriate CD is inserted with the label side facing up in the navigation system.
CD is ejected unintentionally.	The CD might be dirty. • Try to clean the CD with a special CD cleaning fluid.
Not possible to store an address in the address book.	Address book is full. • Delete one or more entries no longer required.
Entered relocation junction is not accepted during car position input.	Not all junctions are suitable for relocation. • Select a junction displayed in the list.
Guidance is not precise.	An inaccuracy of max. 30m is in the limit. If you frequently discover greater inaccuracy, contact an authorized service.
Displayed car position does not correspond with actual car position.	Bad GPS reception for a longer period. When sufficient GPS reception is resumed the position is corrected automatically. • If necessary wait a few minutes.
Guidance advice does not correspond with actual traffic situation.	It is possible that the car position calculated by the navigation system is wrong at the moment. The routing may be changed and does not correspond with the information stored on the map CD.

• If you cant find a solution to any problem you may encounter, contact an authorized dealer or call our customer help desk:

• Philips Car Systems UK
Customer help desk
01 869 365 107

USA help number
888-535-3500

If you still have to send your set for service, always send the complete set (with detachable front). Do not try to open the set to service it yourself.

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Le présent manuel a été imprimé sur papier recyclé à faible teneur en chlore susceptible d'être réutilisé pour un nouveau recyclage

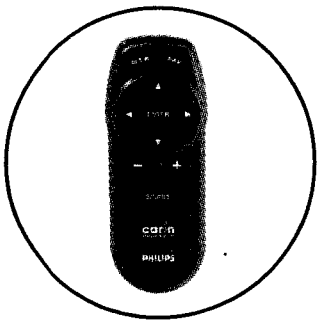
AVERTISSEMENTS

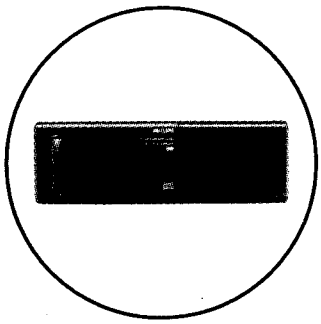
ATTENTION

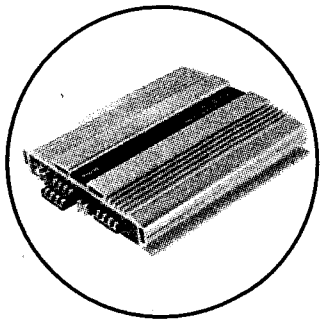
- L'utilisation du système de navigation ne vous dégage pas de votre responsabilité personnelle de conducteur. Respectez les règles du code de la route en vigueur à l'endroit où vous vous trouvez. La surveillance du trafic à l'extérieur est prioritaire sur la consultation de l'écran.
- En cas de contradiction entre l'état actuel du trafic et les informations livrées par le système de navigation, les règles du code de la route ont toujours la priorité sur les informations livrées par le système de navigation.
- Nous vous recommandons de changer la configuration du système ou d'entrer une nouvelle destination, seulement lorsque le véhicule est arrêté, ou bien de demander à votre passager de le faire.
- Pour ne pas amoindrir ou perturber le fonctionnement du système, ne recouvrez pas l'antenne GPS avec des objets.

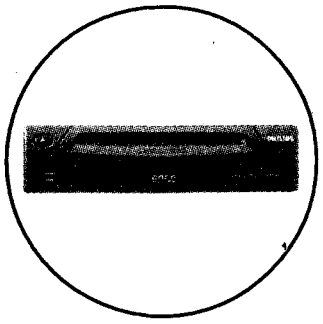
REMARQUES

- Si le véhicule a été transporté par le train ou sur un car-ferry, il se peut que le système de navigation tarde quelques minutes à retrouver exactement sa position.
- Si vous avez débranché la batterie du véhicule, l'appareil peut nécessiter jusqu'à 15 minutes pour retrouver sa position exacte. Dans ce cas, il doit se trouver en plein air et le système doit être enclenché afin de capter les signaux-satellite GPS.









GB **Optional accessories:**
Infra red remote control for handy operation of main functions.

CD changers for 6 or 10 CDs.

Power amplifiers for additional loudspeakers.

CARIN navigation system to guide you to your destination: safely, simply and surely.

F **Accessoires en option :**
Télécommande à infrarouge permettant la commande facile des principales fonctions.

Changeurs de CD pour 6 ou 10 CDs.

Amplificateurs de puissance pour des haut-parleurs supplémentaires.

Système de navigation CARIN pour vous amener à bon port en toute sécurité et facilement.

D **Zubehör / Optionen:**
Infrarot-Fernbedienung zur komfortablen Bedienung der Hauptfunktionen.

CD-Wechsler für 6 oder 10 CDs.

Verstärker-Endstufen für zusätzliche Lautsprecher.

CARiN Navigationssystem, das Sie ans Ziel bringt: sicher, einfach und zuverlässig.

NL **Los verkrijgbare accessoires:**
Infraroodafstandsbediening voor eenvoudige bediening van de hoofdfuncties.

CD-wisselaars voor 6 of 10 CD's.

Versterkers voor extra luidsprekers.

CARiN-navigatiesysteem dat u veilig en probleemloos naar de plaats van bestemming brengt.

I **Accessori opzionali:**
Telecomando a filo per un facile controllo delle principali funzioni.

CD changer per 6 o 10 dischi.

Amplificatori di potenza per altoparlanti addizionali.

Systema di navigazione CARIN.

E **Accesorios opcionales:**
Mando a distancia por cable para simplificar el control de las principales funciones.

Cambiadores de CD para 6 ó 10 discos.

Amplificadores para altavoces adicionales.

Systema di navegación CARIN.

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